

APPENDIX C OB/OD CHECKLIST

SITE SELECTION (OB/OD AREAS)		PARAGRAPH
	Determine the direction of the prevailing winds and ensure that they are not directed toward the Explosive Storage Area or temporary holding magazine.	3-1.c
	Dry grass, leaves, and other extraneous combustibles must be removed from a 61-meter (200-foot) radius of the OD site.	3-1.c
	Ensure no public utility lines are located in or near the OB/OD area. If utilities cannot be avoided, contact the owners of the utility to develop the necessary protective measures.	3-1.f
	Take advantage of the topography (e.g., slopes, hills, etc.) when locating OB/OD area to ensure public areas are shielded from OB/OD operations, whenever possible.	3-2
	If personnel protective structures will be built, all plans must be design reviewed and approved by the OE MCX.	3-3.e
	Ensure the temporary Explosives Storage Area or donor explosives will be located outside the exclusion zone.	3-3.f
	Ensure radio frequency energy or stray electrical current is not present in the area.	3-3.g
	Establish roadblocks at all entrances and exits to the OB/OD area at the fragmentation zone distance.	3-3.h
	Ensure that a sufficient distance has been allowed between the OB/OD area and all public places. Calculate the anticipated overpressure hazards using the equation $D=328W^{1/3}$, where W is the NEW in pounds of ordnance to be destroyed and D is the distance in feet that must be maintained from the OB/OD area place to reduce the overpressure hazards.	3-3.a
	Ensure that personnel have protection from fragmentation hazards generated during OB/OD operations.	3-3.a, Table 3-1
	Determine noise requirements for the OB/OD operation.	3-4
SITE SELECTION (OB - SPECIFIC REQUIREMENTS)		PARAGRAPH
	Ensure an area of 92 meters by 92 meters (300 feet by 300 feet) is completely cleared in each direction from the OB area.	3-5.a
	Ensure that dry grass, brush, debris, and leaves are cleared for a distance of 153 meters (500 feet) in all directions.	3-5.a
	Ensure that the distance between multiple burning sites will be sufficient to prevent a burning ember landing on an adjacent site (a minimum of 46 meters (150 feet) distance is required).	3-5.e

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AVAILABLE FACILITIES		PARAGRAPH
	Ensure that SOP's are incorporated into the work plan and health and safety plan.	3-6
SAFETY PRECAUTIONS		PARAGRAPH
	Minimize the number of personnel engaged in OB/OD operations. In no case, however, shall OB/OD operations be conducted by one individual. Plan for, provide, and know the measures to be taken in the event of an accident.	4-1
	Ensure that an approved SSHP has been read by all personnel and is available onsite.	4-1.b
	Only UXO-qualified personnel shall be involved in conducting OB/OD operations.	4-1.d
	Ensure that a first aid kit is available onsite and that arrangements have been made with local medical facilities in the event personnel are injured.	4-1.g(4), 4-5.d
	Ensure that all Explosives Storage Areas and temporary holding magazines are equipped with lightning suppression systems.	4-1.h
SAFETY PRECAUTIONS - (OB SPECIFIC REQUIREMENTS)		PARAGRAPH
	When conducting OB operations, ensure personnel are provided with flame resistant clothing.	4-1.i(2), 4-9.j
PHYSICAL SECURITY		PARAGRAPH
	Ensure that all Explosives Storage Areas and temporary holding magazines meet the physical security requirements.	4-2.a
	Conduct a physical security survey of the area before setting up the Explosive Storage Area to determine the physical security requirements.	4-2.b
PHYSICAL SECURITY (CONT'D)		PARAGRAPH
	The number of entrances and exits to the OB/OD area will be limited to the fewest number practicable to limit access to the area.	4-2.c
	The OB/OD area shall have guards posted around the fragmentation zone perimeter and at all entrances and exits to the OB/OD area during the conduct of OB/OD operations.	4-2.d
	The OB/OD area will be placarded at each entrance to ensure that unauthorized personnel do not enter the area.	4-2.e

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PERSONNEL TRAINING		PARAGRAPH
	All personnel conducting OB/OD operations shall be UXO-certified and meet all other USACE training requirements.	4-3.a &b
	All personnel conducting OB/OD operations shall have completed the applicable training IAW 29 CFR 1910, 29 CFR 1926, ER 385-1-92, EM 385-1-1, and OE MCX specific requirements.	4-3.c
	At least two employees within each shift shall be certified to administer first aid and CPR if a medical facility or physician is not accessible within five minutes of a site.	4-3.d(1)
MATERIAL AWAITING DESTRUCTION		PARAGRAPH
	Ensure that all material to be destroyed is stored in an Explosives Storage Area that has been constructed IAW ATFP 5400.7.	4-4
EMERGENCY EQUIPMENT		PARAGRAPH
	Prepare an Emergency Response Plan as part of the Work Plan submittal.	4-5.a
	Ensure local fire, police, medical, and rescue authorities have been notified of the proposed OB/OD operation.	4-5.b
	Ensure fire extinguishers are available onsite.	4-5.c
	Ensure emergency eyewashes/showers are available, as necessary.	4-5.c
	Ensure a first aid kit is available onsite.	4-5.d
COMMUNICATIONS		PARAGRAPH
	Ensure the OB/OD area is serviced by either telephone or two-way radio communication.	4-6.a
FIRE PREVENTION PLANNING		PARAGRAPH
	A Fire Prevention Plan will be prepared as part of the SSHP.	4-7.a
AIRSPACE CLEARANCE		PARAGRAPH
	Contact the local FAA administrator to ensure that the proposed OB/OD area does not interfere with any existing or proposed airways.	4-8

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PERSONNEL PROTECTION		PARAGRAPH
	Conduct a hazard assessment prior to setting up the OB/OD area to determine the hazards and personnel protection that will be necessary to conduct OB/OD operations at a particular site.	4-9.a
	Ensure that a Personal Protective Equipment Plan has been developed as a part of the SSHP.	4-9.b
TOXIC HAZARDS OF CERTAIN EXPLOSIVES		PARAGRAPH
	Be aware of the toxic hazards of certain explosives and munitions and take safeguards to prevent personnel exposure during OB/OD operations.	4-10
ENVIRONMENTAL COMPLIANCE		PARAGRAPH
	A Closure Plan for the OB/OD area will be prepared as part of the Work Plan submittal.	2-2.a
	Environmental samples of the proposed OB/OD area must be obtained to determine if there is any pre-existing environmental contamination at the site.	2-2.b
SITE OPERATIONS		PARAGRAPH
	Ensure all OB/OD operations are conducted IAW the USAESCH-approved Work Plan, SSHP, and SOP's developed for the site.	5-1.a
	Minimize the number of personnel conducting OB/OD operations.	5-3
	OB/OD operations will only be conducted during daylight hours.	5-4
	Ensure weather conditions are favorable for the conduct of OB/OD operations.	5-5
MAINTENANCE OF GROUNDS		PARAGRAPH
	The OB/OD area will be kept clean and orderly at all times.	5-7.b
CLOSE-OUT OF OB/OD AREA		PARAGRAPH
	When dismantling the OB/OD area ensure that all environmental sampling and cleanup requirements have been performed IAW the requirements of the Closure Plan.	5-8.e
MISHAP REPORTING		PARAGRAPH
	Submit a telephonic or written report to the CO and Government Safety Officer on all reportable accidents IAW EM 385-1-1 and USACE Supplement 1 to AR 385-40.	5-10